

Title (en)

SILICONE RUBBER COMPOSITION FOR COATING OF WOVEN FABRIC, AND COATED WOVEN FABRIC

Title (de)

SILICONGUMMIZUSAMMENSETZUNG ZUM BESCHICHTEN VON GEWEBE SOWIE BESCHICHTETES GEWEBE

Title (fr)

COMPOSITION DE CAOUTCHOUC DE SILICONE POUR LE REVÊTEMENT D'ÉTOFFE TISSÉE ET ÉTOFFE TISSÉE REVÊTUE

Publication

EP 2053160 A4 20110427 (EN)

Application

EP 07792562 A 20070809

Priority

- JP 2007065929 W 20070809
- JP 2006221237 A 20060814

Abstract (en)

[origin: EP2053160A1] A silicone-rubber composition for coating textile fabrics characterized in that the silicone-rubber composition comprises the following components: an alkenyl group-containing organopolysiloxane (A) that comprises a mixture of an organopolysiloxane (A-1) that contains in one molecule at least two alkenyl groups in the amount not exceeding 2 mass % and an organopolysiloxane (A-2) that contains in one molecule at least two alkenyl groups in amount of 5 mass % or more; an organohydrogenpolysiloxane (B) that comprises a mixture of an organohydrogenpolysiloxane (B-1) that has in one molecule on average three silicon-bonded hydrogen atoms and an organohydrogenpolysiloxane (B-2) that has in one molecule on average two silicon-bonded hydrogen atoms; a hydrosilylation catalyst (C); and a reinforcement fine silica powder (D); and elongation according to JIS K6251 of the cured product of the composition is equal to or greater than 800 %.

IPC 8 full level

D06M 15/643 (2006.01); **B60R 21/16** (2006.01); **C08L 83/04** (2006.01); **C08L 83/05** (2006.01); **C08L 83/07** (2006.01); **C09D 183/04** (2006.01); **D06M 11/79** (2006.01); **D06M 13/513** (2006.01)

CPC (source: EP KR US)

C08L 83/04 (2013.01 - EP US); **D06M 11/79** (2013.01 - EP US); **D06M 13/513** (2013.01 - EP US); **D06M 15/643** (2013.01 - EP KR US); **D06N 3/12** (2013.01 - KR); **D06N 3/128** (2013.01 - EP US); **B60R 2021/23514** (2013.01 - EP US); **C08G 77/12** (2013.01 - EP US); **C08G 77/20** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP US); **C08K 5/56** (2013.01 - EP US); **Y10T 442/20** (2015.04 - EP US)

C-Set (source: EP US)

C08L 83/04 + C08L 83/00

Citation (search report)

- [X] EP 0866164 A1 19980923 - DOW CORNING [GB]
- [X] EP 1688463 A1 20060809 - SHINETSU CHEMICAL CO [JP]
- [X] EP 1178150 A1 20020206 - DOW CORNING TORAY SILICONE [JP]
- See references of WO 2008020605A1

Cited by

JP2013531695A; US11401422B2; US8372497B2; US8962498B2; WO2019014403A1; WO2011137121A1; WO2009143090A3; WO2011082134A1

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